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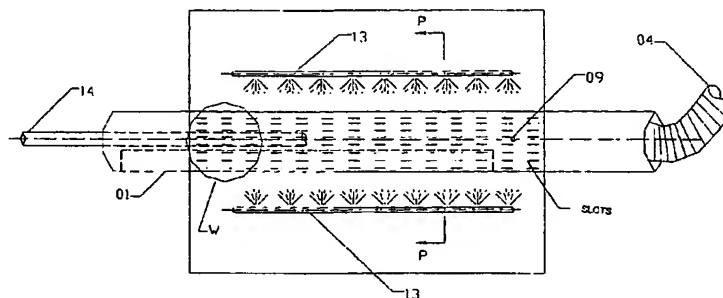
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(54) Title: METHOD TO PROVIDE SLOTS IN PIPES



(57) Abstract: The present invention refers to a method to provide slots in pipes and, more specifically, to a method to provide slots in metal pipes used to extract oil or to form slotted lines, wherein said slots are specially designed to avoid the intake of impurities while pumping oil. More specifically, the method consists of the following steps: a) external cleaning of the pipe (1) with slag jetting to remove the protecting layer that comes from its manufacture or to remove the impurities due to its oxidation; b) placing the pipe (1) on the receiving table by the set of motors (2) to be subsequently transferred to the cutting table (3), by means of motors (4); c) positioning and fixation of the pipe in the cutting cabin (5) by screwing the pneumatic rotating plate (6); d) execution of the first sequence of slots in the pipe by means of laser or plasma, in a refrigerated environment, by making a first slot with pre-defined power and subsequently the opening of the slot with determined length and thickness, according to the characteristics of the pipe, with said slot having an initial section with parallel shape and subsequently with divergent section; e) angle rotation of the pipe by means of turning the rotating plate (6) to make the second sequence of slots, in the opposite direction of the first sequence and then successively on the whole perimeter of the pipe to meet the desired specification; f) removal of the sludge and impurities generated by the cut by the sleeves (7); g) internal cleaning of the slotted pipe with slag jetting; h) visual inspection of the slotted pipe to correct failures and possible imperfections with MIG soldering; and i) painting to provide a uniform visual aspect to the slotted pipe.